

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF AGRICULTURAL ECONOMICS
WASHINGTON 25, D.C.

January 13, 1947

1946 CROP OF CERTIFIED SEED POTATOES
BREAKS PREVIOUS RECORD SET IN 1945

On the largest acreage ever harvested, and with a record yield per acre, the 1946 production of certified seed potatoes exceeded the previous record (1945) crop by 27 percent, the Bureau of Agricultural Economics stated today. The total 1946 production, as reported by officials in 30 States which in the past have certified seed potatoes, was 42,436,905 bushels, compared with 33,290,729 bushels in 1945 and the 1935-44 average of 18,202,402 bushels. The grade of War-Approved seed potatoes was discontinued after 1945, but production of certified seed potatoes alone in 1946 exceeded by nearly 95,000 bushels the combined production of certified and War-Approved potatoes in 1945.

The largest (percentage) increases over 1945 in States producing more than 500,000 bushels of certified seed potatoes were in Wyoming, Maine, California, Wisconsin, Oregon, and Colorado. Maine, as usual, topped every other State and accounted for 43 percent of the total 1946 production. It was followed in order by North Dakota, Minnesota, California, New York, Idaho, Colorado, Nebraska, and Wisconsin, each of which produced more than one million bushels in 1946.

The 164,528 acres of certified seed potatoes that passed final inspection in 1946 surpassed the previous record 1944 acreage of 157,618 acres by 4 percent, and was 7 percent larger than the 1945 acreage of 153,166 acres and 1 4/5 times the 10-year average of 91,095 acres. Record acreages were harvested in Wisconsin, North Dakota, Colorado, Utah, and California. Fourteen States out of 26, however, harvested smaller acreages in 1946 than in 1945. The 1946 acreage of certified seed potatoes in the leading States was as follows: Maine, 45,277 acres; North Dakota, 40,109; Minnesota, 22,321; Nebraska, 9,929; Idaho, 9,511; California, 6,633; Wisconsin, 4,633; Colorado, 4,415; and New York, 3,548 acres.

The yield of 258 bushels per acre of certified seed potatoes in 1946 is the largest ever obtained. Weather was very favorable during the growing season, the late fall permitted tubers to develop fully, and the increased spraying with DDT apparently was very effective in controlling pests. The 1946 yield exceeded the 1945 yield of 217 bushels by 41 bushels and was 62 bushels larger than the 10-year average of 196 bushels. Included in these yields, however, are total yields reported by some States, and yields exclusive of culls in other States. The largest increases in yields over 1945 occurred in a number of States in the East and also in Washington. In only three important States -- Minnesota, Idaho, and Montana -- was the yield per acre smaller in 1946 than in 1945.

Cobbler, with a production of 12,257,092 bushels, led, as usual, all other varieties in 1946. Katahdin crowded out Triumph for 2nd place, and White Rose advanced from 6th place to 4th, passing Green Mountain and Russet Burbank, which held 4th and 5th places, respectively, in 1945. Ten of the 45 varieties reported by the certifying agencies accounted for 95.8 percent of the total production of certified seed potatoes in 1946. These 10 varieties, with the percentages of the totals that each represented in 1946 and 1945, are: Cobbler, 28.9 percent in 1946 and 25.7 percent in 1945; Katahdin, 19.6 and 14.8; Triumph, 13.1 and 18.6; White Rose, 8.8 and 6.6; Green Mountain, 8.2 and 10.2; Russet Burbank, 6.0 and 9.0; Chippewa, 4.2 and 4.5; Sebago, 3.8 and 3.7; Russet Rural, 1.8 and 1.7; Red McClure, 1.4 and 1.6; and all other varieties, 4.2 and 3.6 percent.

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CANADIAN PRODUCTION: The 1946 production of certified seed potatoes in Canada is the largest on record. Production in Prince Edward Island, New Brunswick, and Nova Scotia was 10,516,539 bushels. This is 61 percent larger than the 1945 production of 6,547,267 bushels and nearly 2 1/2 times the 1935-44 average of 4,249,900 bushels. The 1946 production in bushels, by varieties, in these Provinces, with 1945 figures in parentheses, was: Cobbler, 2,787,966 (1,970,300); Katahdin, 2,424,779 (1,364,825); Green Mountain, 3,133,581 (2,404,450); Sebago, 1,601,557 (551,650); Chippewa, 6,720 (7,320), and all other varieties, 561,936 (248,722).

TABLE 1 CERTIFIED SEED POTATO PRODUCTION BY STATES, AVERAGE 1935-44; ANNUAL 1942-46

State	Average 1935-44	1942	1943	1944	1945	1946
B u s h e l s						
Ariz.	1/52	0	0	0	0	0
Calif.	302,832	129,167	1,184,668	1,303,333	2,025,498	2,796,633
Colo.	666,174	971,751	751,393	1,212,122	1,115,844	1,370,621
Ga.	4,940	0	1,200	3,000	0	0
Idaho	320,322	261,414	450,389	776,338	1,467,600	1,381,080
Ky.	3,841	5,030	2,158	5,060	3,160	4,265
La.	13,376	83,330	0	0	0	0
Me.	8,514,533	9,508,627	13,067,287	14,782,900	11,624,803	18,240,019
Md.	34,934	35,137	42,970	35,278	35,071	44,089
Mich.	309,271	344,090	422,681	430,253	546,854	588,224
Minn.	2,036,817	2,411,896	3,505,066	3,880,077	3,534,747	3,920,279
Mont.	200,325	204,414	288,962	343,771	408,878	375,151
Nebr.	623,048	484,543	482,945	629,778	1,231,060	1,214,360
N.H.	31,470	38,390	46,231	39,500	43,430	23,698
N.J.	70,503	103,151	53,106	46,317	38,146	40,344
N.Mex.	2,030	0	0	0	7,550	8,250
N.Y.	611,124	780,850	1,024,479	1,149,000	1,244,360	1,393,720
N.C.	12,636	17,455	33,655	38,180	10,040	0
N.Dak.	2,507,689	3,282,350	5,084,330	4,512,100	6,067,409	6,661,027
Ohio	810	0	500	1,200	900	200
Oreg.	393,462	372,050	515,770	673,470	743,417	934,775
Pa.	219,714	211,330	307,834	297,510	192,222	368,254
S.Dak.	297,207	406,393	887,235	951,623	1,240,650	530,035
Tenn.	1/35,853	50,490	36,766	30,595	48,625	50,650
Utah	61,233	55,409	61,093	60,365	173,130	264,500
Vt.	129,695	96,489	168,234	147,400	66,886	122,625
Va.	1/80	0	250	0	1,800	0
Wash.	251,333	165,301	248,266	320,465	282,232	490,613
Wis.	258,603	246,990	218,880	540,300	786,675	1,063,800
Wyo.	288,209	225,770	184,483	287,204	349,742	549,693
Total	18,202,402	20,491,817	29,070,831	32,497,139	33,290,729	42,436,905

1/ Short-time average.

TABLE 2. PRODUCTION OF CERTIFIED SEED POTATOES BY VARIETIES

State	1942	1943	1944	1945	1946
	Bushels	Bushels	Bushels	Bushels	Bushels
C O B B L E R					
California	0	1,333	0	0	0
Colorado	132,276	167,952	189,620	211,932	272,816
Idaho	292	250	333	0	0
Kentucky	4,750	1,552	2,590	1,465	3,100
Maine	2,849,236	3,794,780	4,069,000	2,769,482	5,288,325
Maryland	20,500	22,125	21,163	23,650	36,750
Michigan	9,050	7,837	10,283	9,925	13,275
Minnesota	1,327,493	1,729,170	1,876,256	2,132,717	3,015,002
Montana	25	0	0	1,250	0
Nebraska	2,645	268	5,545	1,880	1,759
New Hampshire	100	969	100	90	0
New Jersey	3,554	2,546	3,040	1,685	3,341
New York	33,400	55,000	54,000	43,000	57,000
North Carolina	350	0	0	0	0
North Dakota	1,350,000	1,778,595	1,700,000	2,918,970	3,192,889
Oregon	750	2,520	160	0	0
Pennsylvania	270	2,825	3,356	1,250	5,831
South Dakota	97,185	171,800	206,894	297,360	167,390
Tennessee	4,300	860	700	0	200
Utah	8,400	5,228	4,050	1,230	500
Vermont	1,568	2,000	0	0	75
Washington	566	0	300	750	1,923
Wisconsin	59,130	59,000	66,000	140,000	170,000
Wyoming	5,159	1,647	10,172	10,642	26,916
Total	5,910,999	7,808,257	8,223,562	8,567,278	12,257,092

T R I U M P H

California	0	0	0	3,333	4,800
Colorado	98,121	115,576	195,656	242,179	329,868
Georgia	0	1,200	3,000	0	0
Louisiana	83,330	0	0	0	0
Idaho	4,714	5,650	4,178	14,475	15,000
Maine	84,832	123,889	128,300	45,131	43,579
Maryland	0	0	25	20	25
Minnesota	684,310	1,065,547	1,047,920	741,426	334,152
Montana	80,499	119,090	80,127	64,879	48,552
Nebraska	474,760	474,000	593,022	1,148,160	1,155,060
New Jersey	0	2,470	0	0	0
New York	17,000	7,070	1,200	1,600	1,500
North Dakota	1,700,000	2,826,458	2,400,000	2,605,097	2,608,642
Oregon	1,350	1,020	0	5,200	3,600
South Dakota	289,473	662,400	708,326	865,520	311,500
Tennessee	40,800	21,600	15,335	39,000	42,000
Utah	27,169	34,255	24,250	30,170	10,000
Washington	766	1,600	600	2,466	4,000
Wisconsin	48,000	31,000	90,000	90,000	170,000
Wyoming	216,078	171,283	260,408	298,217	482,853
Total	3,851,202	5,664,108	5,552,347	6,196,873	5,566,031

TABLE 2 - (continued) PRODUCTION OF CERTIFIED SEED POTATOES

State	1942	1943	1944	1945	1946
	Bushels	Bushels	Bushels	Bushels	Bushels
<u>GREEN MOUNTAIN</u>					
Maine	1,954,989	2,645,000	3,833,000	2,986,666	3,192,263
Maryland	0	44	25	38	40
Michigan	21,050	34,255	21,085	10,675	8,585
Minnesota	12,705	6,075	8,060	18,486	1,951
New Hampshire	34,675	44,000	35,000	38,093	14,793
New Jersey	780	733	435	400	359
New York	285,400	271,299	316,000	285,000	232,500
North Carolina	200	100	0	0	0
Pennsylvania	0	0	0	7,000	0
South Dakota	0	0	0	175	0
Tennessee	1,075	1,950	175	0	0
Vermont	75,800	117,000	95,000	38,425	34,800
Washington	200	267	0	0	0
Wisconsin	6,400	5,500	9,000	2,000	0
Total	2,393,274	3,126,223	4,317,780	3,376,958	3,485,291
<u>EARLY OHIO</u>					
Idaho	717	250	0	0	0
Minnesota	106,821	131,722	142,096	96,558	81,082
North Dakota	55,000	102,900	92,000	32,800	82,250
South Dakota	10,635	15,820	3,970	1,215	4,875
Utah	530	255	0	0	0
Total	173,703	250,947	238,066	130,573	168,207
<u>BURBANK</u>					
California	12,500	58,333	125,000	30,000	10,000
Minnesota	0	0	0	1,700	0
Oregon	52,000	122,000	85,950	34,500	13,200
Washington	1,398	3,233	2,133	533	200
Total	65,898	183,566	213,083	66,733	23,400
<u>RUSSET BURBANK (NETTED GEM)</u>					
California	100,000	458,334	333,333	738,750	268,000
Colorado	18,038	12,564	9,616	27,454	30,416
Idaho	253,908	441,231	766,320	1,417,725	1,335,000
Michigan	0	0	0	0	1,000
Minnesota	29,697	23,732	25,254	32,512	26,637
Montana	75,590	121,272	190,478	262,764	251,159
North Dakota	3,000	1,500	2,700	500	22
Oregon	210,000	312,000	381,480	385,800	337,000
Utah	18,700	19,835	22,150	57,680	74,500
Washington	49,417	93,400	47,000	60,817	164,800
Wisconsin	1,700	1,200	5,000	1,000	1,400
Wyoming	400	406	0	300	1,262
Total	760,450	1,485,474	1,783,331	2,985,302	2,491,903
<u>HOUMA</u>					
Maine	247,110	150,450	137,500	84,851	34,760
Maryland	0	0	0	25	0
Minnesota	167	0	0	0	0
New Hampshire	2,290	900	1,900	2,212	3,053
New Jersey	1,550	675	83	0	0
New York	8,100	15,110	30,300	6,000	25,100
North Dakota	700	0	0	0	0
Pennsylvania	8,107	7,100	5,229	5,732	1,100
Vermont	7,722	29,355	20,000	8,156	4,750
Total	275,746	203,590	195,012	106,976	68,763

TABLE 2 - (continued) PRODUCTION OF CERTIFIED SEED POTATOES

State	1942	1943	1944	1945	1946
	Bushels	Bushels	Bushels	Bushels	Bushels
<u>R U S S E T R U R A L</u>					
Colorado	3,837	3,224	14,851	15,563	12,818
Maine	66,432	54,288	68,500	38,467	80,080
Maryland	0	1,794	0	38	163
Michigan	222,054	271,986	300,445	359,352	411,507
Nebraska	0	0	5,545	16,750	3,787
New York	24,600	26,515	22,000	17,500	32,400
Pennsylvania	91,479	121,825	97,397	26,324	108,940
South Dakota	0	0	0	220	0
Wisconsin	6,900	8,200	27,000	70,000	128,000
Wyoming	431	1,210	831	18,235	0
Total	415,733	489,042	536,569	563,149	777,695
<u>R U R A L N E W Y O R K E R (ALSO CALLED WHITE RURAL OR SMOOTH RURAL)</u>					
Colorado	9,367	14,581	21,327	13,643	17,739
Maryland	225	2,362	0	0	44
Michigan	2,040	2,365	3,810	3,830	4,415
Minnesota	0	0	0	200	0
New York	29,400	20,200	18,200	12,000	11,900
Pennsylvania	38,977	40,536	28,549	1,937	1,235
Utah	185	935	130	0	0
Wisconsin	9,800	1,860	2,300	3,000	4,000
Total	89,994	82,839	74,316	34,610	39,333
<u>K A T A H D I N</u>					
Colorado	98,389	22,056	52,079	46,265	48,051
Idaho	317	542	229	0	500
Kentucky	280	480	880	525	125
Maine	2,433,959	4,040,904	3,651,000	4,040,998	7,165,138
Maryland	0	100	50	239	45
Michigan	22,621	22,220	12,881	3,985	3,945
Minnesota	26,162	45,725	110,186	67,190	23,855
Nebraska	6,340	5,141	16,290	9,460	4,450
New Hampshire	0	0	2,300	2,135	5,152
New Jersey	43,605	32,818	24,792	20,472	29,559
New York	226,000	329,000	309,000	500,000	620,000
North Dakota	16,000	40,650	42,000	17,400	1,050
Oregon	2,000	910	1,700	0	1,625
Pennsylvania	47,389	80,999	99,522	99,111	209,940
South Dakota	400	3,080	875	0	200
Tennessee	50	0	0	0	0
Utah	0	0	140	1,200	0
Vermont	10,837	15,300	27,000	29,380	82,400
Washington	0	0	1,666	3,533	0
Wisconsin	36,810	40,000	90,000	75,000	107,000
Wyoming	600	973	440	0	0
Total	2,971,759	4,680,898	4,443,030	4,916,893	8,303,035

TABLE 2 - (continued) PRODUCTION OF CERTIFIED SEED POTATOES

State	1942 Bushels	1943 Bushels	1944 Bushels	1945 Bushels	1946 Bushels
<u>C H I P P E W A</u>					
Colorado	2,950	10,230	1,250	2,329	0
Idaho	558	1,883	428	7,800	4,680
Kentucky	0	64	270	0	0
Maine	892,625	653,752	1,174,000	805,018	1,260,319
Maryland	0	0	25	0	32
Michigan	61,854	69,765	31,432	57,497	29,890
Minnesota	35,965	90,115	136,512	122,252	45,819
Montana	0	2,100	0	0	0
Nebraska	575	545	0	0	0
New Jersey	42,232	5,433	11,337	7,495	2,238
New York	91,400	172,000	199,000	150,000	138,000
North Dakota	95,000	147,900	120,000	75,110	25,200
Pennsylvania	4,928	14,583	0	0	0
South Dakota	8,250	26,700	1,000	0	8,000
Tennessee	0	400	150	1,400	200
Utah	0	160	0	0	0
Vermont	0	962	100	0	0
Wisconsin	64,100	56,000	172,000	275,000	285,000
Wyoming	0	387	0	0	0
Total	1,300,437	1,252,979	1,847,504	1,503,901	1,799,378
<u>W H I T E R O S E</u>					
California	16,667	666,668	833,333	1,204,666	2,143,833
Colorado	20,759	33,223	12,347	10,915	25,575
Idaho	0	0	4,167	19,500	25,000
Minnesota	88,925	88,129	89,835	155,556	147,175
Montana	48,300	46,500	72,916	76,100	67,660
Nebraska	0	0	183	2,460	2,727
New Mexico	0	0	0	3,800	0
North Dakota	22,000	58,887	40,000	114,840	277,256
Oregon	101,000	73,000	201,100	315,000	578,600
South Dakota	0	0	2,040	0	0
Utah	425	425	8,500	82,850	179,500
Washington	112,887	149,433	265,333	210,650	305,666
Wisconsin	600	1,670	7,500	175	1,400
Wyoming	0	0	0	0	80
Total	411,563	1,117,935	1,537,254	2,196,512	3,754,472
<u>S E B A G O</u>					
Colorado	0	0	0	0	4,958
Maine	906,518	1,453,188	1,527,000	815,654	1,100,509
Maryland	0	194	595	130	40
Michigan	750	1,890	8,979	23,389	29,050
Minnesota	5,145	19,781	28,785	27,382	65,021
Montana	0	0	0	35	200
New Hampshire	0	0	0	460	700
New Jersey	4,997	3,093	1,114	694	1,314
New York	53,700	84,000	154,000	200,000	207,000
North Dakota	500	5,700	8,000	14,560	15,050
Pennsylvania	10,621	35,248	52,842	45,427	27,373
South Dakota	0	0	0	9,400	26,000
Vermont	250	2,430	2,200	0	550
Virginia	0	0	0	300	0
Washington	0	333	2,200	1,750	11,333
Wisconsin	11,350	10,800	47,000	100,000	130,000
Total	993,831	1,616,657	1,832,715	1,239,181	1,619,098

TABLE 2 (Continued)

PRODUCTION OF CERTIFIED SEED POTATOES

State	1942	1943	1944	1945	1946
	Bushels	Bushels	Bushels	Bushels	Bushels
S E Q U O I A					
Kentucky	0	0	1,140	1,095	1,040
Maine	0	57,138	76,600	14,683	21,829
Maryland	13,425	13,700	10,270	5,625	747
Michigan	0	0	0	0	7,590
Minnesota	1,845	3,600	7,573	37,109	9,234
New Hampshire	1,325	362	100	0	0
New Jersey	963	2,469	3,239	6,487	625
New York	0	20,650	37,200	4,900	26,900
North Carolina	16,905	33,555	38,180	10,040	0
North Dakota	150	0	0	0	75
Pennsylvania	1,570	4,155	10,480	600	800
Tennessee	1,750	11,956	14,235	7,625	8,250
Vermont	0	687	2,700	675	50
Virginia	0	250	0	1,500	0
Washington	67	0	0	0	0
Wisconsin	0	0	4,500	7,500	20,000
Total	38,000	148,522	206,217	97,839	97,140
P O N T I A C					
California	0	0	0	3,333	28,000
Colorado	6,934	9,850	8,121	4,733	30,305
Idaho	0	0	0	1,800	0
Maine	0	0	0	11,949	11,340
Maryland	0	94	25	100	2,235
Michigan	4,671	11,633	25,100	39,048	29,232
Minnesota	4,148	44,274	133,077	19,120	53,689
Montana	0	0	0	1,400	6,830
New Mexico	0	0	0	3,750	8,250
New York	1,700	4,900	3,800	11,000	6,500
North Dakota	21,000	56,400	55,000	180,810	235,575
Oregon	3,400	0	0	0	20
South Dakota	0	0	11,793	42,135	0
Utah	0	0	1,000	0	0
Vermont	62	0	0	0	0
Wisconsin	0	2,000	14,000	7,000	8,800
Wyoming	0	0	153	1,718	431
Total	41,915	129,151	252,069	327,896	421,207
K A S O T A					
Minnesota	0	6,895	5,030	950	0
Montana	0	0	0	500	750
Nebraska	0	700	7,345	34,150	7,682
North Dakota	0	7,515	200	0	0
Wyoming	0	0	0	3,563	8,501
Total	0	15,110	12,575	39,163	16,933
M E N O M I N E E					
Maryland	0	0	0	0	440
Michigan	0	0	13,288	30,583	33,185
New York	0	0	0	1,000	0
North Dakota	0	0	0	4,320	13,388
Pennsylvania	0	0	0	4,841	5,840
Tennessee	0	0	0	50	0
Wisconsin	0	0	0	0	4,500
Total	0	0	13,288	40,724	57,353

TABLE 2 (continued) PRODUCTION OF CERTIFIED SEED POTATOES

State	1942 Bushels	1943 Bushels	1944 Bushels	1945 Bushels	1946 Bushels
	W A R B A				
Idaho	83	0	0	0	0
Kentucky	0	62	180	75	0
Maine	1,985	11,032	7,700	9,280	15,209
Maryland	0	25	12	26	30
Minnesota	38,025	115,042	77,865	27,600	13,777
Montana	0	0	0	1,950	0
New Hampshire	0	0	100	0	0
New York	350	35	2,300	2,000	700
North Dakota	12,500	43,125	24,000	25,785	10,725
Vermont	0	250	0	0	0
Total	52,943	169,571	112,157	66,716	40,441
	R E D W A R B A				
Colorado	0	0	4,667	3,053	0
Maryland	0	0	0	0	30
Minnesota	40,736	126,585	177,228	48,203	102,710
Nebraska	18	2,291	1,848	18,200	38,895
North Dakota	6,000	11,850	28,000	71,610	136,455
South Dakota	150	6,310	16,725	24,625	0
Wisconsin	2,200	1,650	6,000	16,000	32,000
Wyoming	3,102	8,191	15,200	9,996	27,893
Total	52,206	156,877	249,668	191,687	337,983
	R E D M C L U R E				
Colorado	512,799	329,468	695,621	536,658	594,400
Wyoming	0	276	0	2,400	0
Total	512,799	329,744	695,621	539,058	594,400
	O T H E R V A R I E T I E S 1/				
California	0	0	11,667	45,416	342,000
Colorado	68,281	32,669	6,967	1,120	3,675
Idaho	825	583	683	6,300	900
Maine	70,941	82,866	110,300	2,624	26,668
Maryland	987	2,532	3,088	5,180	3,468
Michigan	0	730	2,950	8,570	16,550
Minnesota	9,752	8,674	14,400	5,786	175
Montana	0	0	250	0	0
Nebraska	205	0	0	0	0
New Hampshire	0	0	0	440	0
New Jersey	5,470	2,869	2,277	913	2,908
New York	9,800	18,700	2,000	10,360	34,220
North Dakota	500	2,850	200	5,607	62,450
Ohio	0	500	1,200	900	200
Oregon	1,550	4,320	3,080	2,917	730
Pennsylvania	7,989	563	135	0	7,195
South Dakota	300	1,125	0	0	12,070
Tennessee	2,515	0	0	550	0
Utah	0	0	145	0	0
Vermont	250	250	400	250	0
Washington	0	0	1,233	1,733	1,791
Wisconsin	0	0	0	0	1,700
Wyoming	0	110	0	3,971	1,050
Total	179,365	159,341	160,975	102,637	517,750

1/ Includes the following: Earlane #2, Mesaba, California Pride, Brown Beauty, Erie, Dakota Red, Early Rose, Pawnee, Potomac, Idaho Rural, Earliest Of All, Spaulding Rose, Mohawk, Calrose, Teton, and a number of other varieties.